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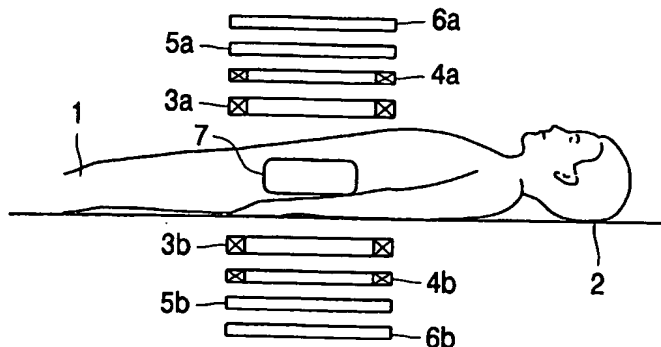
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(54) Title: METHOD AND ARRANGEMENT FOR INFLUENCING MAGNETIC PARTICLES AND DETECTING INTERFER-
ING MATERIAL



(57) Abstract: The invention relates to a method and an arrangement for influencing magnetic particles in a region of action. Methods and arrangements of this kind can be used to determine the spatial distribution of magnetic particles in the region of action or to heat up the magnetic particles locally. If, in addition to the magnetic particles, there is also interfering material in the region of action then this material may heat up in an unwanted way. To avoid unwanted heating-up of this kind, any interfering material that may be present is detected beforehand. If there is interfering material present, then an examination or investigation, or treatment, can be carried out with changed system parameters.